



Motion No. M2022-31

Contract Modification for East Link Extension I-90 Segment Construction Management Services

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee	04/14/2022	Recommend to Board	Ron Lewis, Executive Director, DECM
Board	04/28/2022	Final action	Mike Bell, Executive Project Director, DECM Jon Lebo, Deputy Project Director, DECM

Proposed action

Authorizes the chief executive officer to increase the contract contingency with Jacobs Project Management Company to provide construction management consultant services for the Seattle to South Bellevue segment of the East Link Extension in the additional amount of \$15,000,000 for a new total authorized contract amount not to exceed \$63,919,350.

Key features summary

- Jacobs Project Management Company (Jacobs) currently provides construction management consulting (CMC) E130, I-90 Segment of the East Link Extension project, this includes construction administration of quality, inspections, safety, scheduling, and environmental oversight, as well as providing support for multiple agency agreements.
- The construction management contract for this segment of East Link has been extended longer than planned, due to the complexities of the work, repair of quality issues in the direct fixation (DF) concrete plinths, the COVID-19 pandemic impacts, and impacts from the concrete delivery strike.
- The Seattle to South Bellevue E130, I-90 construction contract substantial completion date is forecast for the Q4, 2022, but it is highly dependent upon the progress of the repair work.
- Additionally, the Mercer Island Transit Integration contract solicitation was also delayed due to litigation with the City of Mercer Island. While not fully resolved, the litigation has reached a point where construction can proceed. This work constructs a roundabout and bus layover to facilitate transit movements. The forecast Substantial Completion date for this work is now February 2023.
- The additional contingency requested will allow negotiation of consultant change orders and change requests to the contract.

Background

East Link extends light rail 14 miles, with 10 stations from Seattle's International District to Judkins Park, across I-90 to Mercer Island and South Bellevue, through downtown Bellevue and the Bel-Red area to Redmond Technology Station. Revenue service is anticipated to begin in 2023.

The I-90 Seattle to South Bellevue Segment is approximately seven miles of trackway construction on existing facilities (at-grade, tunnel, floating bridge, and elevated bridge), two stations with vertical circulation facilities, seismic and gravity load retrofits of existing WSDOT structures, tunnel fire/life/safety retrofits for light rail transit within the Mt. Baker Tunnel and Mercer Island Lid, and civil construction of

the interface with the existing operating Link system at the International District Station, constructed under the General Contractor Construction Manager (GCCM) contract.

In April 2017, the Sound Transit Board approved Motion No. M2017-48 for Jacobs to provide construction management consultant services during the construction phase for the Seattle to South Bellevue (E130) Segment of East Link. The forecast for substantial completion of the E130 segment was early fourth quarter 2021, however due to the complexities of the work, COVID-19 impacts, concrete delivery strike and other challenges, Sound Transit has extended the contract.

In addition to completing the base scope of the project, a portion of the contingency will be used for construction management support for construction of the Mercer Island Transit Integration (MITI) contract that was issued for bid by Sound Transit. The Sound Transit Board approved Motion No. M2021-15 in April 2021 to construct the MITI project. Construction management support of the MITI construction contract will include program management, resident engineering, office engineering, technical support and inspection, construction cost estimating, contract change management, scheduling, construction safety oversight, quality assurance activities, document control, tracking of diversity/small business/project labor agreement requirements, and management of the contractor.

Project status

○					
Project Identification	Alternatives Identification	Conceptual Engineering/ Draft EIS	Preliminary Engineering/ Final EIS	Final Design	Construction

Projected completion date for East Link Extension: Baselined completion of Q2 2023 is under review in light of delays associated with the concrete delivery strike and repair work.

Project scope, schedule and budget summary are located on page 23 of the February 2022 Agency Progress Report.

Procurement information

Sound Transit issued a Request for Qualifications for the I-90 E130 contract for construction management services, encompassing the work for both Phase One Preconstruction Services, and Phase Two – Construction Management Services for the East Link GCCM contracts, and received two proposals on April 24, 2015.

Jacobs Project Management Company was determined to be the best qualified team for this work. Negotiations were completed, and on December 18, 2015 Jacobs Project Management Company was awarded contract AE 0007-15 for Civil Construction Management Services for East Link (I-90 Segment) preconstruction scopes of work for E130 in the amount of \$4,721,795.

The E130 contract work was later divided to include a separate design-bid-build contract for Mercer Island Transit Integration contract E135.

Sound Transit exercised the option for Phase Two work with Jacobs Project Management Company to align with current schedule. In 2017, the Board approved execution of modification for the Phase 2 work in Motion No. M2017-48.

This action will increase contingency to allow for extension of contract duration and additional work related to Phase 2 and the MITI contract. The parties will enter into negotiations related to changes and

additional contingency is requested to allow fair and reasonable final resolution of changes on this Contract.

Fiscal information

This action is within the baseline budget and sufficient monies remain after approval of this action to fund the remaining work in the construction services phase. This action does not impact the affordability of any other system expansion project.

The baseline budget for the East Link project is \$3,677,150,000. Within the construction services phase, \$63,970,000 has been allocated to the I-90 Corridor Construction Management Contract to provide construction management consultant services for the Seattle to South Bellevue segment. This action would commit \$15,000,000 to this budget line item and leave a budget balance of \$51,656.

East Link Extension

(in thousands)	Total Baseline Budget	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Administration	\$186,200	\$121,204		\$121,204	\$64,996
Preliminary Engineering	55,900	54,776		54,776	1,124
Final Design	283,000	256,850		256,850	26,150
Third Parties	52,150	39,471		39,471	12,679
Right of Way	298,150	279,688		279,688	18,462
Construction	2,547,125	2,354,019		2,354,019	193,107
Construction Services	254,625	219,912	15,000	234,912	19,712
Total Current Budget	\$3,677,150	\$3,325,919	\$15,000	\$3,340,919	\$336,231

Phase Detail - Construction Services

I-90 Corridor CMC	\$63,970	\$48,918	\$15,000	\$63,918	\$52
Other Construction Services	190,655	170,994	0	170,994	19,661
Total Phase	\$254,625	\$219,912	\$15,000	\$234,912	\$19,712

Jacobs Project Management Company	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	\$43,919	\$43,919	\$	\$43,919
Contingency	5,000	5,000	\$15,000	20,000
Total Contract Amount	\$48,919	\$48,919	\$15,000	\$63,919
Percent Contingency	11%	11%	100%	46%
Less Betterment	1	1	0	1
Sound Transit Share	48,918	48,918	15,000	63,918

Notes:

Amounts are expressed in Year of Expenditure \$000s.

* Board Approvals = Commitment and PO Contingency Remaining as of 4/1/2022.

For detailed project information, see page 119 of the 2022 Financial Plan & Adopted Budget.

Disadvantaged and small business participation

Participation by small businesses and disadvantaged business enterprises (DBEs)

Small business and disadvantaged business enterprise (DBE) goals	
Sound Transit small business goal: 12%	Small business commitment: 14.1%
DBE goal: 6%	DBE commitment: 7.1%

Time constraints

A one-month delay will impact the ability of Jacobs to provide uninterrupted oversight services.

Prior Board/Committee actions

Motion No. M2021-38: Authorized the chief executive officer to increase the contract contingency with Jacobs Project Management Company to provide construction management consultant services for the Seattle to South Bellevue segment of the East Link Extension in the amount of \$5,000,000, for a new total authorized contract amount not to exceed \$48,919,350.

Motion No. M2017-48: Authorized the chief executive officer to execute a contract amendment with Jacobs Project Management Company to provide construction management consultant services for the construction phase of the Seattle to South Bellevue segment of the East Link Extension in the amount of \$37,106,157, with a 5% contingency of \$1,855,308, totaling \$38,961,465, for a new total authorized contract amount not to exceed \$43,919,350.

Motion No. M2015-89: Authorized the chief executive officer to execute a contract with Jacobs Engineering, Inc. (sic) to provide civil construction management consultant services for the preconstruction phase of the Seattle to South Bellevue segment of the East Link Extension in the amount of \$4,721,795, with a 5% contingency of \$236,090, for a total authorized contract amount not to exceed \$4,957,885.

Environmental review – KH 4/4/22

Legal review – JSA 4/11/22



Motion No. M2022-31

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to increase the contract contingency with Jacobs Project Management Company to provide construction management consultant services for the Seattle to South Bellevue segment of the East Link Extension in the additional amount of \$15,000,000 for a new total authorized contract amount not to exceed \$63,919,350.

Background

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Motion

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to increase the contract contingency with Jacobs Project Management Company to provide construction management consultant services for the Seattle to South Bellevue segment of the East Link Extension in the additional amount of \$15,000,000 for a new total authorized contract amount not to exceed \$63,919,350.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 28, 2022.



Kent Keel
Board Chair

Attest:



Kathryn Flores
Board Administrator